



SKY® CDG025D Vacuum Gauge

Focused on SEMI & industrialized applications.

 **INFICON**
Inspired by visions. Proven by success.

SKY® CDG025D vacuum gauge

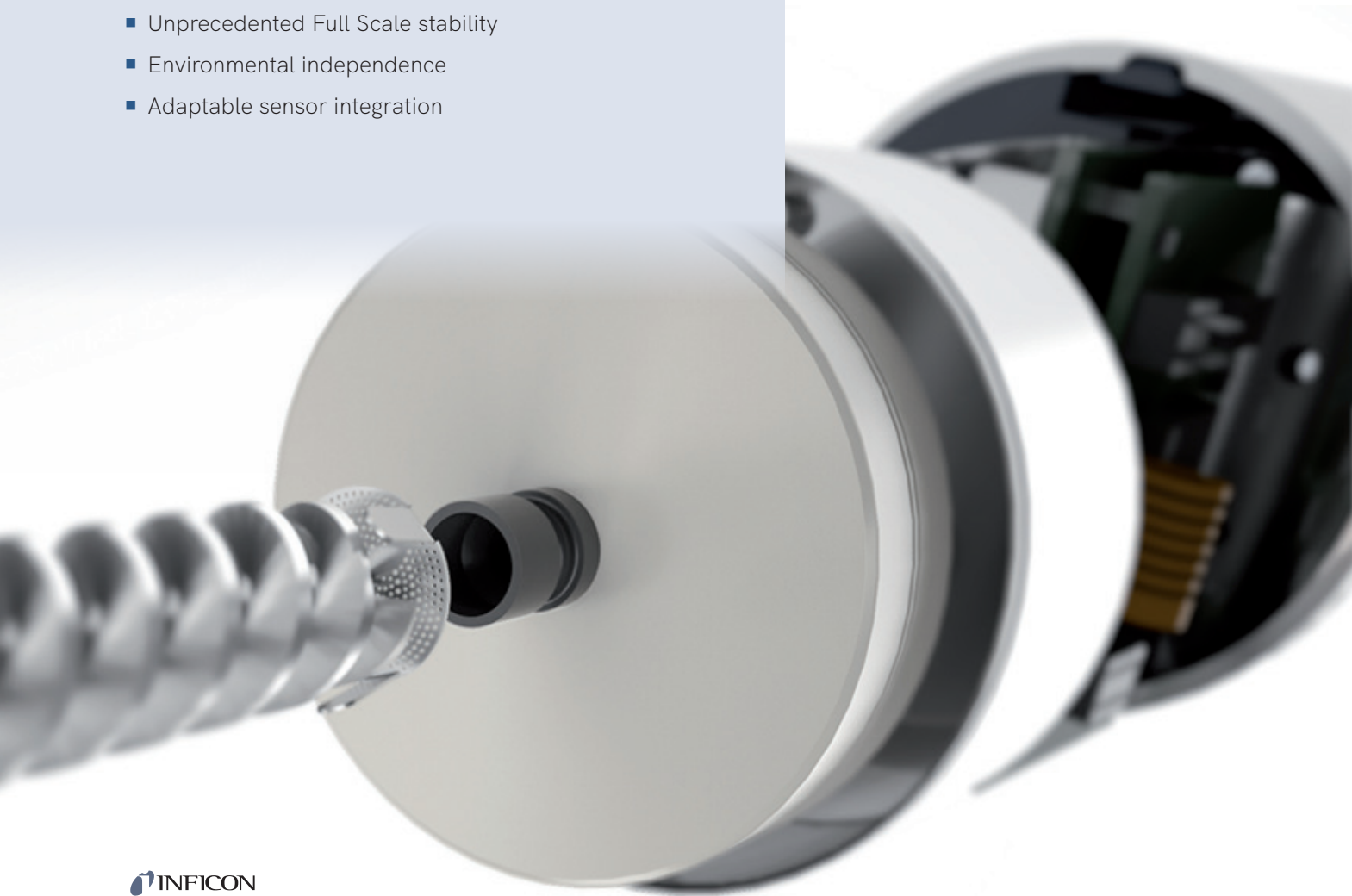
The SKY® CDG025D Capacitance Diaphragm Gauge line is designed for stable long time performance in harsh manufacturing environments. The corrosion resistant ultra-pure ceramic sensor provides superior span stability over many years paired with state of the art zero stability. This bonded ceramic structure provides an unprecedented temperature stability over millions of pressure cycles, including atmospheric bursts. Advanced electronics offer the user a wide choice of suitable filters yielding solutions for all applications. A unique sensor shield (patents granted) protects the gauge from undesired process byproducts. For advanced processes, a total alumina coating immunizes the product against chemical attack.

TYPICAL APPLICATIONS

- Load lock
- Puller, ovens
- Industrial
- Analytical
- PVC, CVD, Etch, ALD
- Oxidation
- Sterilization
- Quality control, reference vacuum

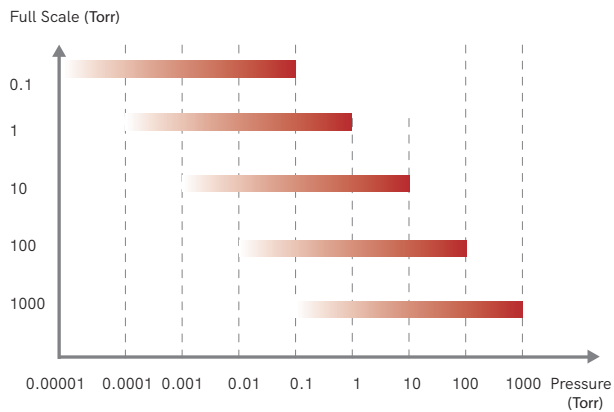
ADVANTAGES AT A GLANCE

- Unprecedented Full Scale stability
- Environmental independence
- Adaptable sensor integration

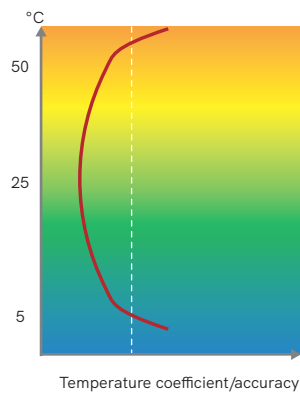




Measurement ranges

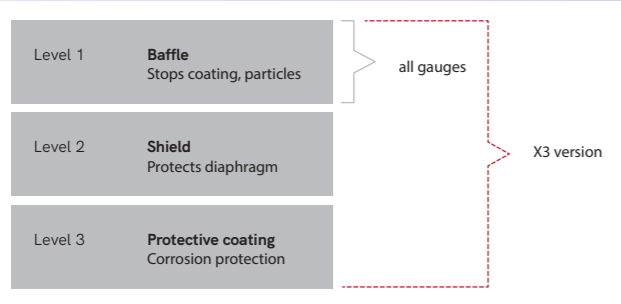


Temperature coefficient

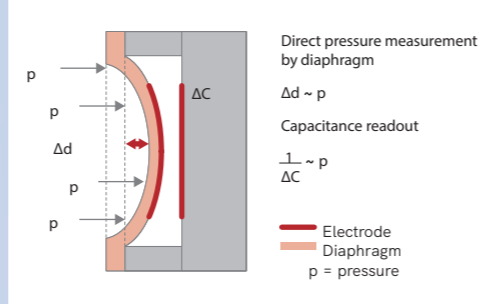


In-situ architecture assures an excellent temperature stability of zero and span.

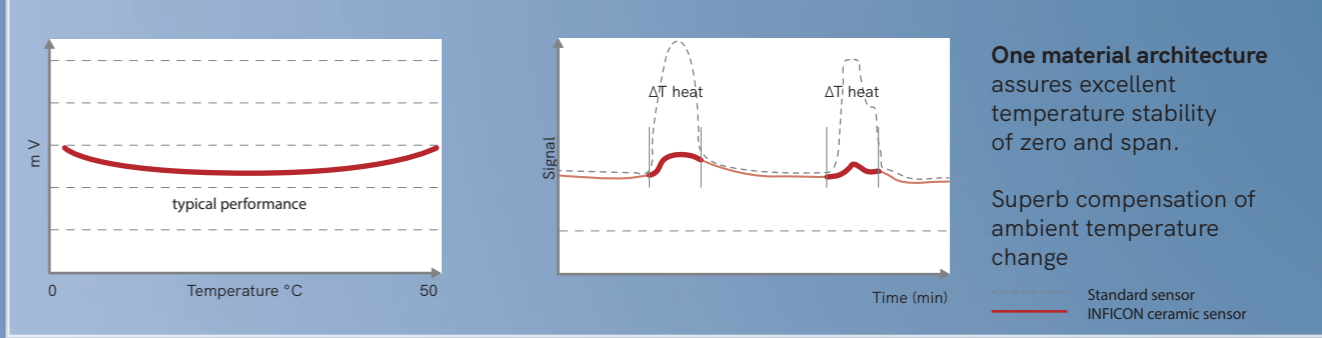
Gauge protection for increased lifetime



CDG working principle

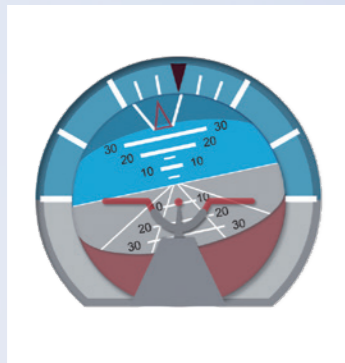


Temperature coefficient



Span stability

Any mounting orientation



Interface I/O

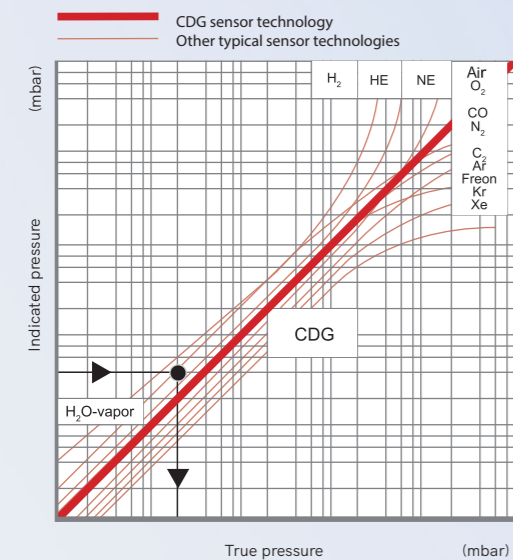
- Analog signal 0 ... 10V or 4 - 20 mA
- Wide range power supply
- Zero adjust, push button
- 2 individual setpoints
- Status LED

Fully ceramic sensor

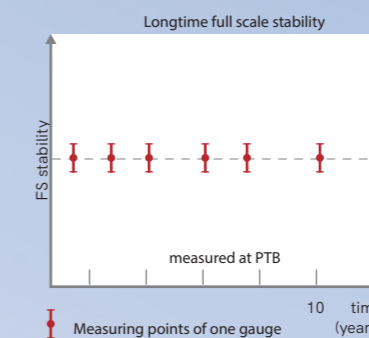
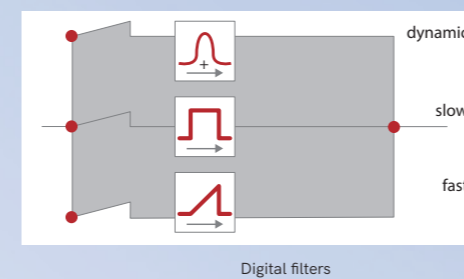
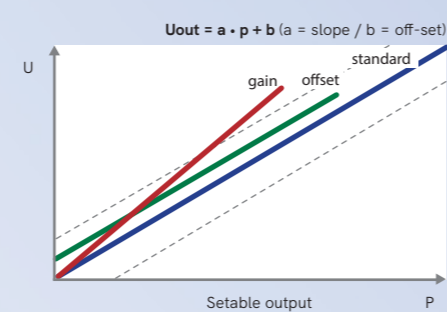
Bonded ceramic structure combined with digital signal processing provides superior measurement performance.



Gas type independence



Digital signal processing



Ceramic sensor technology offers superior long-term stability.

Excellent Customer Support is a Commitment

INFICON provides a global network of sales and service centers. These centers are staffed with local service and application experts who can assist you in choosing the best solution for your individual product application and provide fast support if service is needed.



Americas

United States

INFICON Inc.
East Syracuse, NY
Phone : +1 315 434 1100
E-mail : reach.us@inficon.com

Mexico

INFICON Mexico
Santiago de Querétaro, Qro.
Phone : +52 (442) 980 00 80
E-mail : reach.mexico@inficon.com

**Europe, Middle East
and Africa**

INFICON GmbH
Cologne
Phone : +49 221 567 881 00
E-mail : reach.germany@inficon.com

Asia and Pacific

China

INFICON Ltd.
Beijing
Phone : +86 10 6590 0164
E-mail : reach.china@inficon.com

Japan

INFICON Co. Ltd.
Kawasaki-shi, Kanagawa-ken
Phone : +81 44 822 1111
E-mail : reach.japan@inficon.com

Korea

INFICON Ltd.
Gyeonggi-do
Phone : +82 31 783 2942
E-mail : reach.korea@inficon.com

**Singapore, South Asia and
Australia / New Zealand**

INFICON PTE Ltd.
Singapore
Phone : +65 6631 0300
E-mail : reach.singapore@inficon.com

Taiwan

INFICON Co. Ltd.
Chupei City
Phone : +886 3 552 5828
E-mail : reach.taiwan@inficon.com

